



CII

TE Internal #: 6-1618386-9

Power Relays, Solid State Relay, 3.8 VDC Coil Voltage, 1 Form A (NO), 10A Contact Current Rating, 250 VAC Contact Switching Voltage (Max)

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Relay Type: **Solid State Relay**

Coil Voltage Rating: **3.8 VDC**

Contact Arrangement: **1 Form A (NO)**

Contact Current Rating: **10 A**

Contact Switching Voltage (Max): **250 VAC**

Features

Product Type Features

Relay Type	Solid State Relay
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Configuration Features

Contact Arrangement	1 Form A (NO)
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Electrical Characteristics

Output Voltage Rating (AC Relays)	250 Vrms
Input Voltage	3.8 – 32 VDC
Coil Voltage Rating	3.8 VDC
Contact Current Rating	10 A
Contact Switching Voltage (Max)	250 VAC
Contact Voltage Rating	250 VAC

Body Features

Enclosure Type	Hermetically Sealed
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Termination Features

Relay Connection Type	Terminals
Terminal Configuration	Screw Terminals

Mechanical Attachment

Product Mounting Feature Type	Mounting Hole
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Product Mount Type

Panel

Dimensions

Product Width	25.4 mm[1 in]
Product Length	50.8 mm[2 in]
Product Height	22.9 mm[.889 in]

Usage Conditions

Operating Temperature Range	-55 – 95 °C
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Operation/Application

Actuating System	AC
Shock Resistance	100G's, 6ms
Output Current Type	DC

Packaging Features

Packaging Method	Tray/Box
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on



requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # 5-1617353-5 DS11-1Y=	TE Part # 8-1618387-7 PS12-1W=SOLID STATE RELAY, 10A /250VAC	TE Part # 2-1617070-7 1621-C-2001 = 1600 FIXED OPERA	TE Part # 1617827-4 4610-C-1600 Fixed Timer
TE Part # 1617827-5 1621-C-0700 = 1600 FIXED OPERA	TE Part # 3-1618400-8 DS11-1005T=SOLID STATE RELAY	TE Part # 1-1617827-9 1440-1a=PHASE SENSOR	TE Part # 2-1617827-1 1440-1c=PHASE SENSOR

Customers Also Bought

TE Part #1658615-2 25 POS HDF PLUG, AP, LEAD FREE	TE Part #5499141-3 A/L UNIV HDR 16P RA LG LAT	TE Part #1757820-7 AMPLIMITE,ASY,RCPT,STD,109,ZN,2, CT	TE Part #1757820-8 AMPLIMITE,ASY,RCPT,STD,109,ZN,3, CT
TE Part #1981584-1 MICRO USB, TYPE A/B, GRAY	TE Part #0660-206-1282 CONT PIN	TE Part #1676157-2 RN 0805 113R 0.1% 10PPM 1KRL	TE Part #33114 TERMINAL,SOLIS R 4 10





TE Part #0662-207-1282

[CONT SOC ASSY](#)



TE Part #1757828-5

[AMPLIMITE,RCPT ASY,POSTD,109,ZN,5](#)

Documents

Product Drawings

[PS12-1Y = SOLID STATE RELAY, 10A/250VAC](#)

English

Datasheets & Catalog Pages

[5-1773450-5_sec10_PS12](#)

English